

Certificate of Analysis

Date of Testing: 2024-01-05 10:08:14

Date of Next Testing: 2025-12-25 10:08:14

Product Name: **Pepstatin**

CAS Number: 26305-03-3

Specifications & Purity: $\geq 75\%$ (HPLC)

Lot #: C2228050

SKU #: **P113168****Analysis: 311152**Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	75-100 (%)	99.15600 %
Specific Rotation $[\alpha]_{20/D} (c=0.288 \text{ in MeOH:AcOH (75:25)})$	-102.5--83.5 ($^{\circ}$)	-83.51 $^{\circ}$
Nitrogen by Elemental Analysis(As-is basis)	9.2-11 (%)	10.10 %
Carbon by Elemental Analysis	58.3-60.7 (%)	59.78 %
Appearance (P113168)	White to Light Beige Powder	White to Light Beige Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH/HOAc (9/1)	Colorless , Clear to Hazy,1 mg/mL	Colorless , Clear to Hazy,1 mg/mL

John Su
QA & QC Manager